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EXAMINER

BONSHOCK, DENNIS G

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 08/12/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/754,012

Applicant(s)

KOTAMARTI, MALLIK

Examiner

Dennis G. Bonshock

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 January 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Specification

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.
2. The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.
3. The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Claim Objections

4. Claim 31 is objected to because of the following informalities: the claim states "...said words to be conveyed said user", which is grammatically incorrect. Appropriate correction is required.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-42 are rejected under 35 U.S.C. 102(c) as being anticipated by Noguchi, Patent #5,983,184.

7. With regard to claim 1, which teaches a method for enabling access to an interface, the method comprising the steps of: receiving a first description of a user interface that is written in a first computer language and that describes one or more user interface elements, Noguchi teaches, in column 9, lines 40-50, a first interface in a first language that describes elements. With regard to claim 1, further teaching receiving a second description written in a second computer language that describes one or more user commands and one or more instructions associated with each user command of said one or more user commands, Noguchi teaches, in column 3, lines 23-48, and in column 4, lines 43-67, the use of a second language that provides user commands associated with instructions. With regard to claim 1, further teaching receiving a user command of said one or more user commands, Noguchi teaches, in column 3, lines 23-38, receiving a user command. With regard to claim 1, further teaching in response to receiving the user command, executing at least one instruction of the one or more instructions associated with the user command, Noguchi teaches, in column 3, lines 32-38, after receiving a user command, a jump to a link destination. With regard to claim 1, further teaching wherein executing at least one instruction of the one or more instructions causes accessing functionality associated with at least one user interface element described by the first description, Noguchi teaches, in column 3, lines 32-38, after receiving a user command, a jump to a link destination, allowing the user to use the internet.

8. With regard to claim 2, which teaches the user command being a user command conveyed audibly by a user, Noguchi teaches, in column 3, lines 30-38, the command being giving audibly.

9. With regard to claim 3, which teaches the user command being a user command conveyed through a phone, Noguchi teaches, in column 19, lines 19-23, the use of a headphone and microphone.

10. With regard to claim 4, which teaches the user command being received using a modality of interaction that, according to the first computer language, is not defined by the first description for the at least one user interface element, Noguchi teaches, in column 4, lines 47-67, commands being received audibly, which is not defined in HTML.

11. With regard to claim 5, which teaches the modality of interaction is an audio modality of interaction, Noguchi teaches, in column 3, lines 30-38 and column 4, lines 47-67, commands being received audibly.

12. With regard to claim 6, which teaches the step of executing at least one instruction includes executing a particular instruction that includes a particular command for processing items of text defined by the first description according to the first computer language, Noguchi teaches, in column 4, lines 43-67, the processing of the text located in the HTML based document.

13. With regard to claim 7, which teaches setting a value that indicates the location of an item of text in the first description that contains one or more strings, Noguchi teaches, in column 4, lines 48-51 and in figure 6, providing positional information for an item in the text.

14. With regard to claim 8, which teaches the particular instruction including one or more parameters that specify one or more values of the one or more strings, Noguchi teaches, in column 4, lines 48-51 and in figure 6, providing link keyword and link destination information for an item in the text.

15. With regard to claim 9, which teaches executing the particular instruction causes locating an item of text in the first description and storing text from the item of text in a data structure that holds data that may be output to a user, Noguchi teaches, in column 4, lines 48-64 and in figures 5 and 6, providing link keyword and link destination information for an item in the text.

16. With regard to claim 10, which teaches the first description including a first item of text at a location that precedes the location of any other item of text defined by the first description and the step of executing the particular instruction causes locating the first item of text in the first description, Noguchi teaches, in column 3, line 56 through column 4, line 5 and in figure 6, a pointer, pointing to a list where items are contained in sequential order, for accessing data from the first language.

17. With regard to claim 11, which teaches executing an instruction that includes a command for establishing a minimum amount of text and parameter value that specifies the minimum amount and wherein executing the particular instruction cause locating an item of text that has at least said minimum amount of text, Noguchi teaches, in column 3, line 56 through column 4, line 21, a means for determining the what items are to be represented as instructions, where one of the measures is a measure or the amount of information, such as number of words.

18. With regard to claim 12, which teaches the step of executing at least one instruction includes executing a particular instruction that includes a particular command defined by the second computer language, for processing links defined by the first description according to the first computer language, Noguchi teaches, in column 3, lines 23-38 and column 4, lines 43-67, executing instruction from the second language for the processing of the links located in the HTML based document.

19. With regard to claim 13, which teaches the step of executing the particular instruction causes setting a value that indicates the location of a link in the first description that contains one or more strings, Noguchi teaches, in column 4, lines 43-57, executing comprising indicating a location of a link in HTML.

20. With regard to claim 14, which teaches the particular instruction including one or more parameters that specify one or more values, of the one or more strings, Noguchi teaches, in column 4, lines 48-51 and in figure 6, providing link keyword and link destination information for an item in the text.

21. With regard to claim 15, which teaches the step of executing the particular instruction causes establishing a set of N numbers of links defined by the first description, Noguchi teaches, in column 2, lines 55-60 and column 4, lines 43-67, the execution of a plurality of links to different HTML based sites, which themselves can have items executable by the user audible commands provide to and provided by users.

22. With regard to claim 16, which teaches the step of executing at least one instruction includes executing another instruction that: includes another command defined by a the second computer language, and identifies a specific link from the set of

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N number of links; and wherein the step of executing the other instruction causes accessing a resource identified by the specific link from the set of N number of links, Noguchi teaches, in column 2, lines 55-60 and column 4, lines 43-67, the execution of a plurality of links to different HTML based sites, which themselves can have items executable by the user audible commands provide to and provided by users.

23. With regard to claim 17, which teaches the instruction specifies a string used to identify the specific link from the set of N number of links, Noguchi teaches, in column 4, lines 43-67, and in figures 5 and 6, the use of a string to identify the specific link from the other links.

24. With regard to claim 18, which teaches each link in the set of N number of links is associated with a position in the set, wherein the other instructions include a parameter value that specifies the position of the link from the set of N number of links, Noguchi teaches, in column 4, lines 47-51, position information in the HTML file for specifying the position of the link keyword and the link destination information.

25. With regard to claim 19, which teaches the first description defining a table with one or more rows and at least one column that includes one or more links and wherein the step of executing the particular instruction causes accessing a resource identified by a link in the at least one column in a particular from the one or more rows, Noguchi teaches, in column 3, line 56 through column 4, line 5, and in figures 5 and 6, a table with a plurality of rows that includes links that are used during executing to direct commands to links.

26. With regard to claim 20, which teaches, the particular instruction includes a parameter value identifying the at least one column, Noguchi teaches, in column 3, line 56 through column 4, line 5, and in figures 5 and 6, the instructions include a pointer to the table.

27. With regard to claim 21, which teaches the step of executing at least one instruction includes executing a particular instruction that includes a particular command defined by the second computer language, for processing rows of on or more tables defined by the first description according to the first computer language, Noguchi teaches, in column 3, lines 23-38 and column 4, lines 43-67, executing instructions from the second language for the processing of the links of the table located in the HTML based document.

29. With regard to claim 22, which teaches the step of executing the particular instruction causes setting a value in a data structure that indicates the location of a particular row in the first description that contains one or more strings, Noguchi teaches, in column 4, lines 43-57, executing comprising indicating a location of a link in the table, which is provided by the pointer to the table (see column 3, lines 56-64).

30. With regard to claim 23, which teaches the particular instruction including one or more parameters that specify one or more values, of the one or more strings, Noguchi teaches, in column 4, lines 48-51 and in figure 6, providing link keyword and link destination information for an item in the text.

31. With regard to claim 24, which teaches the step of executing at least one instruction includes executing another instruction that: includes another command

defined by a the second computer language, and the step of executing the instruction causes text from another row residing in a location after the location of the particular row in the first description to be added to a data structure that holds data that may be output to a user, Noguchi teaches, in column 2, lines 55-60 and column 4, lines 43-67, the execution of a plurality of links to different HTML based sites, which themselves can have items executable by the user audible commands provide to and provided by users. Where elements that haven't yet been linked to would be located after the current location in the table and element that have been linked to would already be located in the table above the current position.

32. With regard to claim 25, which teaches the step of executing at least one instruction includes executing another instruction that: includes another command defined by a the second computer language, and the step of executing the instruction causes text from another row residing in a location before the location of the particular row in the first description to be added to a data structure that holds data that may be output to a user, Noguchi teaches, in column 2, lines 55-60 and column 4, lines 43-67, the execution of a plurality of links to different HTML based sites, which themselves can have items executable by the user audible commands provide to and provided by users. Where elements that haven't yet been linked to would be located after the current location in the table and element that have been linked too would already be located in the table above the current position.

33. With regard to claim 26, which teaches the step of executing the particular instruction causes: locating a particular row defined by the first description and storing

text from the particular row in a data structure that holds data that may be output to a user, Noguchi teaches, in column 3, line 56 through column 4, line 5 and in figure 6, execution comprising locating a element in the table which is provide there for possible delivery to a user in the audible form.

34. With regard to claim 27, which teaches executing an instruction for executing a second instruction and storing the text from rows located between the first location and the second location in a data structure that contains data that may be output to a user, Noguchi teaches, in column 3, line 56 through column 4, line 5, in column 4, lines 43-67, and in figure 6, the ability for the user to make a second selection an having all of the elements, in between the first and second element, available for use.

35. With regard to claim 28, which teaches the step of executing at least one instruction includes executing a particular instruction that includes a particular command for processing one or more fields in one or more forms defined by the first description according to the first computer language, Noguchi teaches, in column 3, lines 23-38 and column 4, lines 43-67, executing instruction from the second language for the processing of the links located in the HTML based document.

36. With regard to claim 29, which teaches the method further including the step of storing one or more values for the one or more fields and executing the particular command causes submission to a server of the one or more values for the one or more fields, Noguchi teaches, in column 4, lines 43-51, the providing of the positional information to the server.

37. With regard to claim 30, which teaches the particular instruction includes one or more parameter values that identify a particular field from the one or more fields and wherein executing the particular instruction causes: prompting the user for user input, receiving the user input that specifies a particular value, and storing the particular value in association with the particular field, Noguchi teaches, in column 4, lines 43-67 and figures 5 and 6, the dictation to a user of the context of the screen, prompting the user to provide their own audible input, which pertains to a particular element in the table.

38. With regard to claim 31, which teaches the particular instruction includes a parameter string value specifying words with which to prompt the user, and wherein the step of prompting includes causing the words to be conveyed to the user, Noguchi teaches, in column 4, lines 51-64, instructions providing words that are sent to the user, based on the user selections.

39. With regard to claim 32, which teaches the particular instruction including a parameter string value identifying a file containing a digital audio data recording of a prompt and wherein the step of prompting includes causing the digital audio data to be played to the user, Noguchi teaches, in column 4, lines 51-64, providing the audible information to the user.

40. With regard to claim 33, which teaches the first description defining, according to the first computer language the particular field as an enumerated field and value identifiers for the enumerated field; and wherein executing the particular instruction causes examining the first description to generate data indicating the value identifiers and values associated with the value identifiers, Noguchi teaches, in column 3, line 39

through column 4, line 5 and in figure 6, a linking to fields that contain enumerated fields along with the location of the particular item.

41. With regard to claim 34, the user input specifies a particular value identifier from among the value identifiers and the step of storing the particular value includes storing the value associated with the particular value identifier, Noguchi teaches, in column 3, line 39 through column 4, line 5 and in figure 6, a table for storing identifiers in association with the elements of the HTML document.

42. With regard to claim 35, which teaches receiving another user command for requesting output of the value identifiers; and causing generation of user output that specifies at least a portion of the value identifiers in response to receiving the other user command, Noguchi teaches, in column 2, lines 55-60 and in column 4, lines 43-67, the execution of a plurality of links to different HTML based sites, which themselves can have items executable by the user audible commands provide to and provided by users.

43. With regard to claim 36, which teaches the first computer language being HTML, Noguchi teaches, in column 4, lines 43-48; the first language being HTML.

44. With regard to claim 37, which teaches a computer readable medium carrying one or more sequences of instructions for enabling access to an interface, wherein execution of the one or more sequences of instructions by one or more processors causes the one or more processors to perform the steps of: receiving a first description of a user interface that is written in a first computer language and that describes one or more user interface elements, Noguchi teaches, in column 9, lines 40-50, a first interface in a first language that describes elements. With regard to claim 37, further

teaching receiving a second description written in a second computer language that describes one or more user commands and one or more instructions associated with each user command of said one or more user commands, Noguchi teaches, in column 3, lines 23-48, and in column 4, lines 43-67, the of a second language that provides user commands associated with instructions. With regard to claim 37, further teaching receiving a user command of said one or more user commands, Noguchi teaches, in column 3, lines 23-38, receiving a user command. With regard to claim 37, further teaching in response to receiving the user command, executing at least one instruction of the one or more instructions associated with the user command, Noguchi teaches, in column 3, lines 32-38, after receiving a user command, a jump to a link destination. With regard to claim 37, further teaching wherein executing at least one instruction of the one or more instructions causes accessing functionality associated with at least one user interface element described by the first description, Noguchi teaches, in column 3, lines 32-38, after receiving a user command, a jump to a link destination, allowing the user to use the internet.

45. With regard to claim 38, which teaches the user command being a user command conveyed audibly by a user, Noguchi teaches, in column 3, lines 30-38, the command being giving audibly.

46. With regard to claim 39, which an apparatus, comprising: a memory (see column 8, lines 15-25), one or more processors (see column 8, lines 15-25), a metabrowser configured for: receiving a first description of a user interface that is written in a first computer language and that describes one or more user interface elements, Noguchi

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teaches, in column 9, lines 40-50, a first interface in a first language that describes elements. With regard to claim 39, further teaching receiving a second description written in a second computer language that describes one or more user commands and one or more instructions associated with each user command of said one or more user commands, Noguchi teaches, in column 3, lines 23-48, and in column 4, lines 43-67, the of a second language that provides user commands associated with instructions. With regard to claim 39, further teaching receiving a user command of said one or more user commands, Noguchi teaches, in column 3, lines 23-38, receiving a user command. With regard to claim 39, further teaching in response to receiving the user command, executing at least one instruction of the one or more instructions associated with the user command, Noguchi teaches, in column 3, lines 32-38, after receiving a user command, a jump to a link destination. With regard to claim 39, further teaching wherein executing at least one instruction of the one or more instructions causes accessing functionality associated with at least one user interface element described by the first description, Noguchi teaches, in column 3, lines 32-38, after receiving a user command, a jump to a link destination, allowing the user to use the internet.

47. With regard to claim 40, which teaches the user command being a user command conveyed audibly by a user, Noguchi teaches, in column 3, lines 30-38, the command being giving audibly.

48. With regard to claim 41, which an apparatus, comprising: a memory (see column 8, lines 15-25), one or more processors (see column 8, lines 15-25), and means for: receiving a first description of a user interface that is written in a first computer language

and that describes one or more user interface elements, Noguchi teaches, in column 9, lines 40-50, a first interface in a first language that describes elements. With regard to claim 41, further teaching receiving a second description written in a second computer language that describes one or more user commands and one or more instructions associated with each user command of said one or more user commands, Noguchi teaches, in column 3, lines 23-48, and in column 4, lines 43-67, the of a second language that provides user commands associated with instructions. With regard to claim 41, further teaching receiving a user command of said one or more user commands, Noguchi teaches, in column 3, lines 23-38, receiving a user command. With regard to claim 41, further teaching in response to receiving the user command, executing at least one instruction of the one or more instructions associated with the user command, Noguchi teaches, in column 3, lines 32-38, after receiving a user command, a jump to a link destination. With regard to claim 41, further teaching wherein executing at least one instruction of the one or more instructions causes accessing functionality associated with at least one user interface element described by the first description, Noguchi teaches, in column 3, lines 32-38, after receiving a user command, a jump to a link destination, allowing the user to use the internet.

49. With regard to claim 42, which teaches the user command being a user command conveyed audibly by a user, Noguchi teaches, in column 3, lines 30-38, the command being giving audibly.

Conclusion


50. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach systems for providing a second language that is able to access information used in a first language.

51. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis G. Bonshock whose telephone number is (703) 305-4668. The examiner can normally be reached on Monday - Friday, 6:30 a.m. - 4:00 p.m.

52. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (703) 308-3116. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

53. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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dgb


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